

FIG. 1

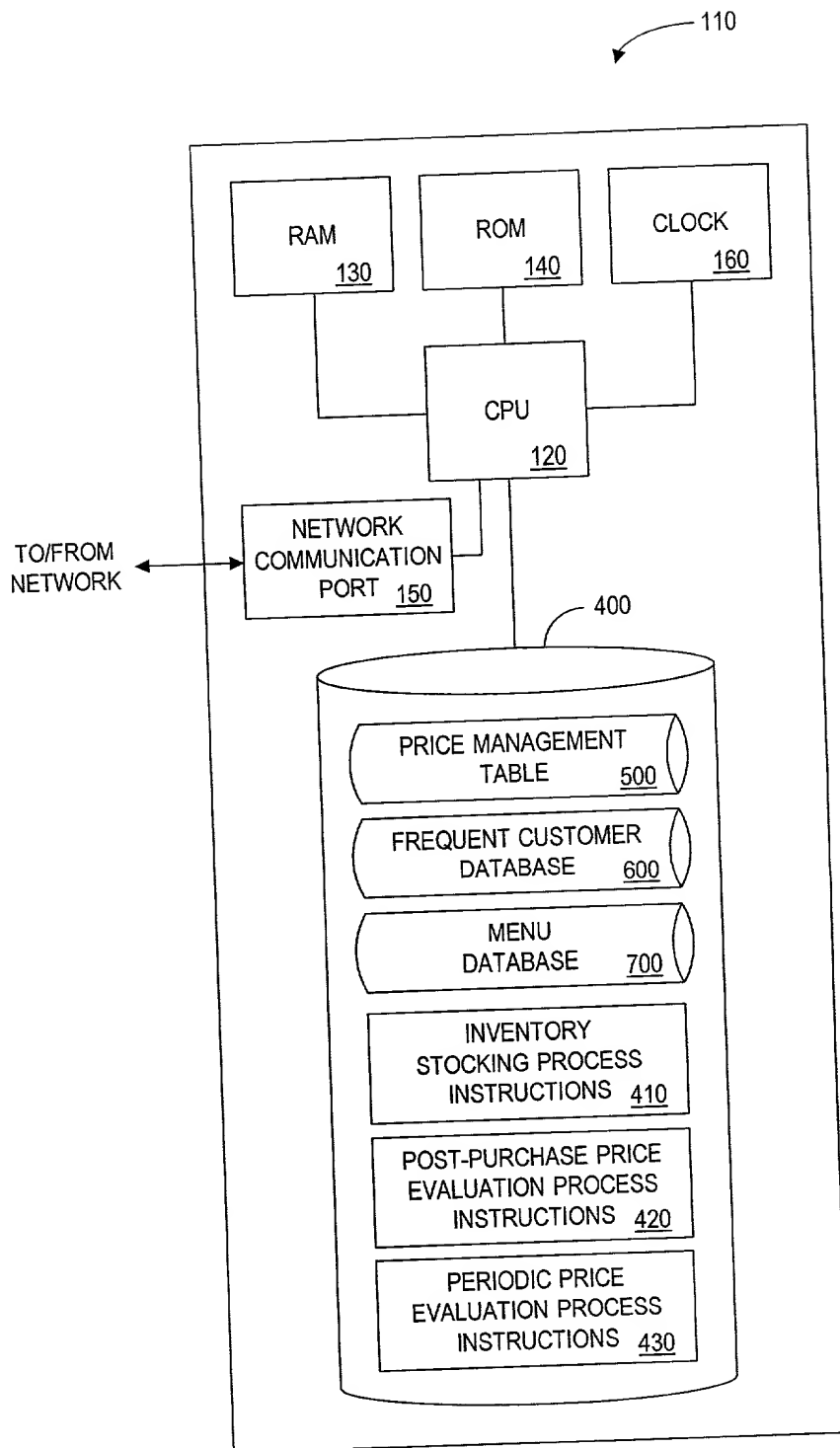


FIG. 2

TOTAL "1220660

500

PRODUCT IDENTIFIER 512	STOCKED QUANTITY 514	AVAILABLE QUANTITY 516	CURRENT PRICE 518
BLUE CRAB	10	2	\$15.50
FILET MIGNON	10	2	\$17.75
SWORDFISH	15	12	\$15.95
STEAK SANDWICH	8	6	\$10.95
APPLE PIE	8	6	\$5.95
BERRY PIE	8	7	\$5.95
CHEF SALAD	8	8	\$7.50
DINNER SALAD	8	3	\$4.50
SPARKLING WATER	8	5	\$1.25
WILD RICE	15	2	\$4.60
BAKED POTATO	15	11	\$3.50
HAMBURGER	8	7	\$7.95

FIG. 3A

500 (CONT.)

PRODUCT IDENTIFIER 512	EVALUATION FREQUENCY 528	LAST EVALUATION DATE/TIME 530	SALES SINCE LAST EVALUATION 532	PREVIOUS DEMAND 534	CURRENT DEMAND 536	DEMAND INCREMENT 538
BLUE CRAB	EVERY SALE	2/2/98 7:00	0	EVERY .3 HOURS	EVERY .3 HOURS	10%
FILET MIGNON	EVERY SALE	2/2/98 6:30	0	EVERY .4 HOURS	EVERY .4 HOURS	10%
SWORDFISH	EVERY 2 HOURS	2/2/98 7:00	2	EVERY 1 HOUR	EVERY .9 HOURS	5%
STEAK SANDWICH	EVERY 2 HOURS	2/2/98 6:00	1	EVERY 1.4 HOURS	EVERY 1.2 HOURS	15%
APPLE PIE	EVERY 3 HOURS	2/2/98 5:00	6	EVERY .5 HOURS	EVERY .5 HOURS	15%
BERRY PIE	EVERY 3 HOURS	2/2/98 5:25	9	EVERY .6 HOURS	EVERY .3 HOURS	15%
CHEF SALAD	EVERY 2 SALES	2/2/98 7:12	0	EVERY .3 HOURS	EVERY 3 HOURS	15%
DINNER SALAD	EVERY 10 SALES	2/1/98 7:15	5	EVERY .7 HOURS	EVERY .8 HOURS	15%
SPARKLING WATER	EVERY 2 SALES	2/2/98 7:05	0	EVERY 1 HOUR	EVERY 1.3 HOURS	15%
WILD RICE	EVERY 72 HOURS	2/2/98 8:00	1	EVERY 2.6 DAYS	EVERY 2.1 DAYS	5%
BAKED POTATO	EVERY 72 HOURS	2/2/98 7:00	18	EVERY 4 HOURS	EVERY 1.5 HOURS	5%
HAMBURGER	EVERY 2 HOURS	2/2/98 6:00	2	EVERY 1.2 HOURS	EVERY .9 HOURS	15%

FIG. 3B

500 (CONT.)

PRODUCT IDENTIFIER 512	PRICE ADJUSTMENT INCREMENT 540	MINIMUM PRICE 542	SUGGESTED PRICE 544	MAXIMUM PRICE 546
BLUE CRAB	\$0.50	\$10.00	\$14.00	\$16.50
FILET MIGNON	\$0.50	\$11.50	\$15.00	\$18.00
SWORDFISH	\$0.50	\$11.00	\$12.50	\$16.00
STEAK SANDWICH	\$0.50	\$6.50	\$10.95	\$12.00
APPLE PIE	\$0.25	\$2.75	\$3.50	\$6.00
BERRY PIE	\$0.25	\$2.75	\$3.50	\$6.00
CHEF SALAD	\$0.25	\$4.00	\$5.00	\$7.50
DINNER SALAD	\$0.25	\$3.00	\$4.50	\$5.00
SPARKLING WATER	\$0.10	\$1.00	\$1.00	\$1.25
WILD RICE	\$0.25	\$2.00	\$3.00	\$4.75
BAKED POTATO	\$0.25	\$2.00	\$3.50	\$4.00
HAMBURGER	\$0.50	\$4.50	\$7.00	\$8.00

FIG. 3C

600

NAME 602	MENU # 604	DAY/DATE OF LAST VISIT 606	FREQUENT CUSTOMER ID # 608	ADDRESS 610	PHONE NUMBER 612	TOTAL NUMBER OF VISITS 614	AVERAGE TIME OF DAY PER VISIT 616
JOHN SMITH	123	2/2/98	56789	1 MAIN ST. ANYTOWN, USA	(111) 111-1111	4	8:15 PM
GORDON LITTLETON	134	2/5/98	45678	20 OAK ANYTOWN, USA	(111) 112-1112	5	8:38 PM
KARY TRITON	156	2/3/98	34567	300 KING DR. ANYTOWN, USA	(111) 113-1113	23	7:25 PM
JIM BUFF	167	2/2/98	23456	4000 BOB ST. ANYTOWN, USA	(111) 111-1114	7	5:13 PM
ELIZABETH JOHNSON	178	2/7/98	12345	5 FIRST PL. ANYTOWN, USA	(111) 115-1115	11	7:00 PM

FIG. 4

701  
↙

MENU # 134 2/2/98		# IN PARTY: 2		TABLE # 12 ARRIVAL: 7:15 PM		<u>702</u>
ITEM # <u>704</u>	ITEM  <u>706</u>	PRICE  <u>708</u>	ITEM CLASS  <u>710</u>			
2468	PRIME RIB PLATTER	\$15.95	MEAT / MAIN			
2458	SWORDFISH DELIGHT	\$16.50	FISH / MAIN			
2448	BUFFALO WINGS	\$4.50	APPETIZER			
2438	CHEESECAKE	\$7.95	DESSERT			

FIG. 5

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graph TD
    START([START]) --> 802[DETERMINE NUMBER OF CUSTOMERS IN PARTY 802]
    802 --> 804[DETERMINE CURRENT PRICES USING PRICE MANAGEMENT TABLE 804]
    804 --> 806[STORE CURRENT PRICES DETERMINED BY PRICE MANAGEMENT TABLE 806]
    806 --> 808{IS FREQUENT CUSTOMER IDENTIFIER PROVIDED? 808}
    808 -- YES --> A((A))
    A --> 6B[TO FIG. 6B]
    808 -- NO --> 810[GENERATE MENU WITH CURRENT DYNAMIC PRICES AND MENU CODE 810]
    810 --> 812[GENERATE TABLE CODE AND ADD TO MENU 812]
    812 --> 814[PRINT MENUS WITH CURRENT DYNAMIC PRICES, MENU CODE, AND TABLE CODE 814]

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FIG. 6A



FROM FIG. 6A

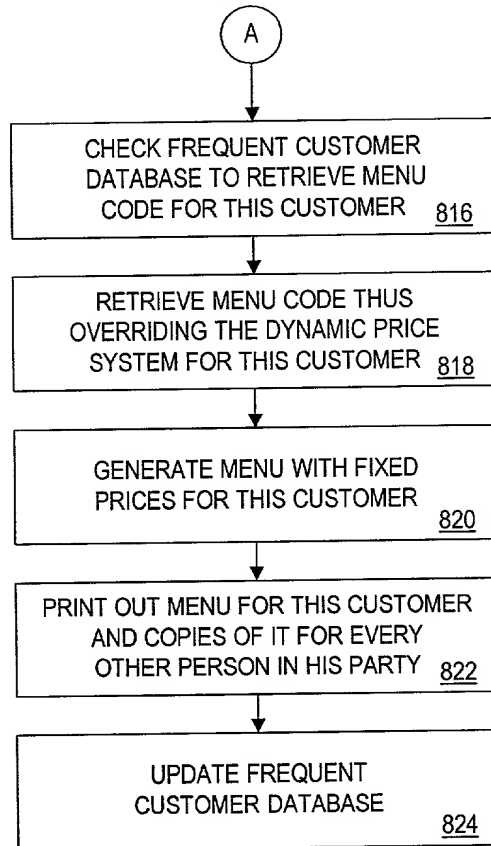


FIG. 6B

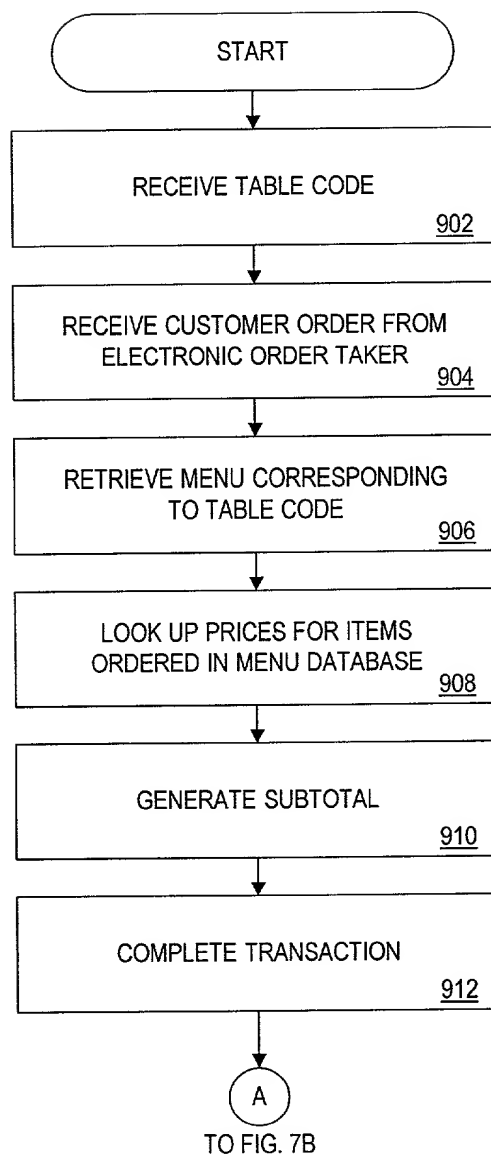


FIG. 7A

A



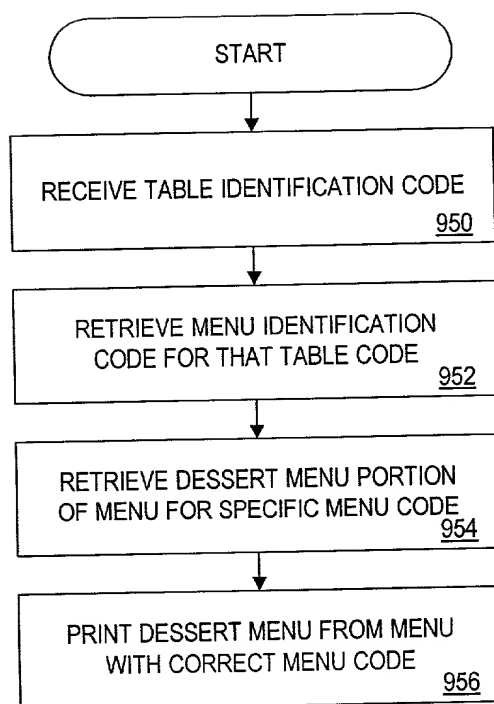


FIG. 8